

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use several sheets if necessary)  (PTO-1449)	ATTY. DOCKET NO. 176/60921 (2-11150-912)	SERIAL NO. 10/068,449
	APPLICANT Lukas Novotny and Thomas G. Brown	
	FILING DATE February 7, 2002	GROUP ART UNIT To Be Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
MJS	1	5,004,307	Apr. 2, 1991	Kino et al.			
MJS	2	5,121,256	Jun. 9, 1992	Corle et al.			
MJS	3	5,125,750	Jun. 30, 1992	Corle et al.			
MJS	4	5,497,359	Mar. 5, 1996	Mamin et al.			
MJS	5	5,729,393	Mar. 17, 1998	Lee et al.			
MJS	6	5,793,584	Aug. 11, 1998	Knight et al.			
MJS	7	5,828,482	Oct. 27, 1998	Jain			
MJS	8	5,859,814	Jan. 12, 1999	Kino et al.			
MJS	9	5,881,042	Mar. 9, 1999	Knight			
MJS	10	5,883,872	Mar. 16, 1999	Kino			
MJS	11	5,895,972	Apr. 20, 1999	Paniccia			
MJS	12	5,917,788	Jun. 29, 1999	Mowry			
MJS	13	5,923,086	Jul. 13, 1999	Winer et al.			
MJS	14	5,936,928	Aug. 10, 1999	Jain et al.			
MJS	15	5,939,709	Aug. 17, 1999	Ghislain et al.			

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## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER		DATE CONSIDERED	
M. Stahl		3/7/04	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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MJS	16	5,946,281	Aug. 31, 1999	Ito et al.			
MJS	17	5,963,532	Oct. 5, 1999	Hajjar			
MJS	18	5,978,139	Nov. 2, 1999	Hatakoshi et al.			
MJS	19	5,995,292	Nov. 30, 1999	McDonald			
MJS	20	6,009,064	Dec. 28, 1999	Hajjar			
MJS	21	6,044,041	Mar. 28, 2000	Ishizaki et al.			
MJS	22	6,055,220	Apr. 25, 2000	Mamin et al.			
MJS	23	6,055,222	Apr. 25, 2000	Knight			
MJS	24	6,061,322	May 9, 2000	Jain et al.			
MJS	25	6,064,529	May 16, 2000	McDonald et al.			
MJS	26	6,091,549	Jul. 18, 2000	McDonald et al.			
MJS	27	6,091,694	Jul. 18, 2000	Späth			
MJS	28	6,101,155	Aug. 8, 2000	Mowry			
MJS	29	6,104,687	Aug. 15, 2000	Lee et al.			
MJS	30	6,108,135	Aug. 22, 2000	Ho			

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MJS	31	6,111,840	Aug. 29, 2000	Hajjar			
MJS	32	6,114,689	Sep. 5, 2000	Cho et al.			
MJS	33	6,115,192	Sep. 5, 2000	McDonald			
MJS	34	6,115,347	Sep. 5, 2000	Ichimura et al.			
MJS	35	6,130,789	Oct. 10, 2000	Aarts et al.			
MJS	36	6,137,632	Oct. 24, 2000	Bernacki			
MJS	37	6,154,326	Nov. 28, 2000	Ueyanagi et al.			
MJS	38	6,157,598	Dec. 5, 2000	Mowry			
MJS	39	6,163,415	Dec. 19, 2000	Lee et al.			
MJS	40	6,181,478	Jan. 30, 2001	Mandella			

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MJS	41	Terris et al., "Near-Field Optical Data Storage Using a Solid Immersion Lens," <u>Appl. Phys. Lett.</u> 65:388-390 (1994). (July)
MJS	42	Novotny et al., "Near-Field Optical Imaging Using Metal Tips Illuminated by Higher-Order Hermite-Gaussian Beams," <u>Ultramicroscopy</u> 71:21-29 (1998).
MJS	43	Sánchez et al., "Near-Field Fluorescence Microscopy Based on Two-Photon Excitation with Metal Tips," <u>Physical Review Letter</u> 82:4014-4017 (1999). (May)
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INFORMATION STATEMENT  
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 (USE SEVEN)  
 (PTO-1448)  
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	176/60921 (2-11150-912)	10/068,449
	APPLICANT	
	Lukas Novotny and Thomas G. Brown	
FILING DATE		GROUP ART UNIT
February 7, 2002		2874

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	1	5,881,043	03/09/1999	Knight			
	2	5,936,928	08/10/1999	Jain et al.			
	3	5,963,532	10/05/1999	Hajjar			
	4	6,009,064	12/28/1999	Hajjar			
	5	6,055,222	04/25/2000	Knight			
	6	6,061,322	05/09/2000	Jain et al.			
	7	6,111,840	08/29/2000	Hajjar			
MJS	8	6,243,350	06/05/2001	Knight et al.			
MJS	9	6,324,141	11/27/2001	Takishima et al.			
MJS	10	6,407,884	06/18/2002	Osborne et al.			
MJS	11	6,496,468	12/17/2002	Hajjar et al.			
MJS	12	6,507,540	01/14/2003	Berg et al.			
MJS	13	6,522,617	02/18/2003	Berg et al.			
MJS	14	6,529,465	03/04/2003	Kase et al.			
MJS	15	6,544,716	04/08/2003	Hajjar et al.			
MJS	16	6,545,969	04/08/2003	Berg et al.			

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MJS	17	Pohl et al., "Optical Stethoscopy: Image Recording With Resolution $\lambda/20$ ," <u>Appl. Phys. Lett.</u> 44:651-653 (1984) (April)
MJS	18	Lewis et al., "Development of a 500 Å Resolution Light Microscope," <u>Ultramicroscopy</u> 13:227-231 (1984)
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MJS	19	Betzig et al., "Near-field Optics: Microscopy, Spectroscopy, and Surface Modification Beyond the Diffraction Limit," <u>Science</u> 257:189-195 (1992) (July)
MJS	20	Smolyaninov et al., "Near-field Direct-write Ultraviolet Lithography and Shear Force Microscopic Studies of the Lithographic Process," <u>Appl. Phys. Lett.</u> 67:3859-3861 (1995) (December)
MJS	21	Davy et al., "Near-field Optics: Snapshot of the Field Emitted by a Nanosource Using a Photosensitive Polymer," <u>Appl. Phys. Lett.</u> 69:3306-3308 (1996) (November)
MJS	22	Massanell et al., "Nanowriting on Ferroelectric Surfaces with a Scanning Near-field Optical Microscope," <u>Opt. Lett.</u> 21:12-14 (1996) (January)
MJS	23	Madsen et al., "Optical Near-field Lithography on Hydrogen-passivated Silicon Surfaces," <u>Appl. Phys. Lett.</u> 69:544-546 (1996) (July)
MJS	24	Herndon et al., "Near-field Scanning Optical Nanolithography Using Amorphous Silicon Photoresists," <u>Appl. Phys. Lett.</u> 74:141-143 (1999) (January)
MJS	25	Novotny et al., "Theory of Nanometric Optical Tweezers," <u>Phys. Rev. Lett.</u> 79:645-648 (1997) (July)
MJS	26	Novotny et al., "Near-field Optical Spectroscopy Based on the Field Enhancement at Laser Illuminated Metal Tips," <u>Optics and Photonics News</u> 10:24 (1999) (December)
MJS	27	Levi, "Progress Made in Near-field Imaging With Light From a Sharp Tip," <u>Physics Today</u> pp. 18-20 (1999) (July)
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